

Appl. No. 10/709,197  
Amdt. dated January 26, 2006  
Reply to Office action of November 04, 2005

### REMARKS

Claims 10-12 and 14-30 are pending in this application. Claims 25-30 are newly added without entering any new matter.

- 5     **Claims 10, 12 and 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Khoury et al. (U.S. Patent No. 5,912,589, hereinafter "Khoury")**

Applicant asserts that claim 10 is not anticipated by Khoury because Khoury does not teach or suggest the limitations recited in the wherein clause "wherein the transresistance unit comprises: a first transistor for receiving the reference voltage; a  
10     second transistor for generating the first output voltage; a second current mirror coupled to the first transistor and the second transistor; and a first bias current source coupled to the first transistor and the second transistor for providing a first bias current...". Therefore, reconsideration of claim 10 is respectfully requested. As claims 12 and 15 are dependent upon claim 10, if claim 10 is found to be allowable, so too should the dependent claims.

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- Claims 11, 16, 17 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Khoury and further in view of Sakurai (U.S. Pub. No. 2003/0058047)**

Claim 11 should be allowed for at least the same reason of claim 10 being allowable.

Applicant asserts that claim 16 is not anticipated by Khoury in view of Sakurai  
20     because Khoury in view of Sakurai fails to disclose the limitations recited in the wherein clause "wherein the proportional\_to\_Vt voltage amplifier further comprises a first current mirror coupled between the transconductance unit and the transresistance unit for generating a second current according to the first current, and the transresistance unit comprises a second current mirror coupled to the transconductance unit through the first  
25     current mirror...". Since the transresistance unit (74, 72) of Khoury does not comprises a second current mirror coupled to the transconductance unit (54) of Khoury through a first current mirror, reconsideration of claim 16 is respectfully requested. As claims 17 and 20 are

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dependent upon claim 16, if claim 16 is found to be allowable, so too should the dependent claims.

Consideration of pending claims 10-12 and 14-30 is respectfully requested.

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Sincerely yours,



Date: 01/26/2006

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